

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004126.D
 Acq On : 17 Aug 2018 12:36
 Operator : JC/MD
 Sample : J4522-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB081618

Quant Time: Aug 20 09:33:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	426088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	389326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213392	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	202430	52.11	ug/l	0.00
Spiked Amount						
			Recovery	=	104.22%	
35) Dibromofluoromethane	5.50	113	169825	53.25	ug/l	0.00
Spiked Amount						
			Recovery	=	106.50%	
50) Toluene-d8	8.72	98	603172	46.65	ug/l	0.00
Spiked Amount						
			Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.14	95	195204	41.63	ug/l	0.00
Spiked Amount						
			Recovery	=	83.26%	

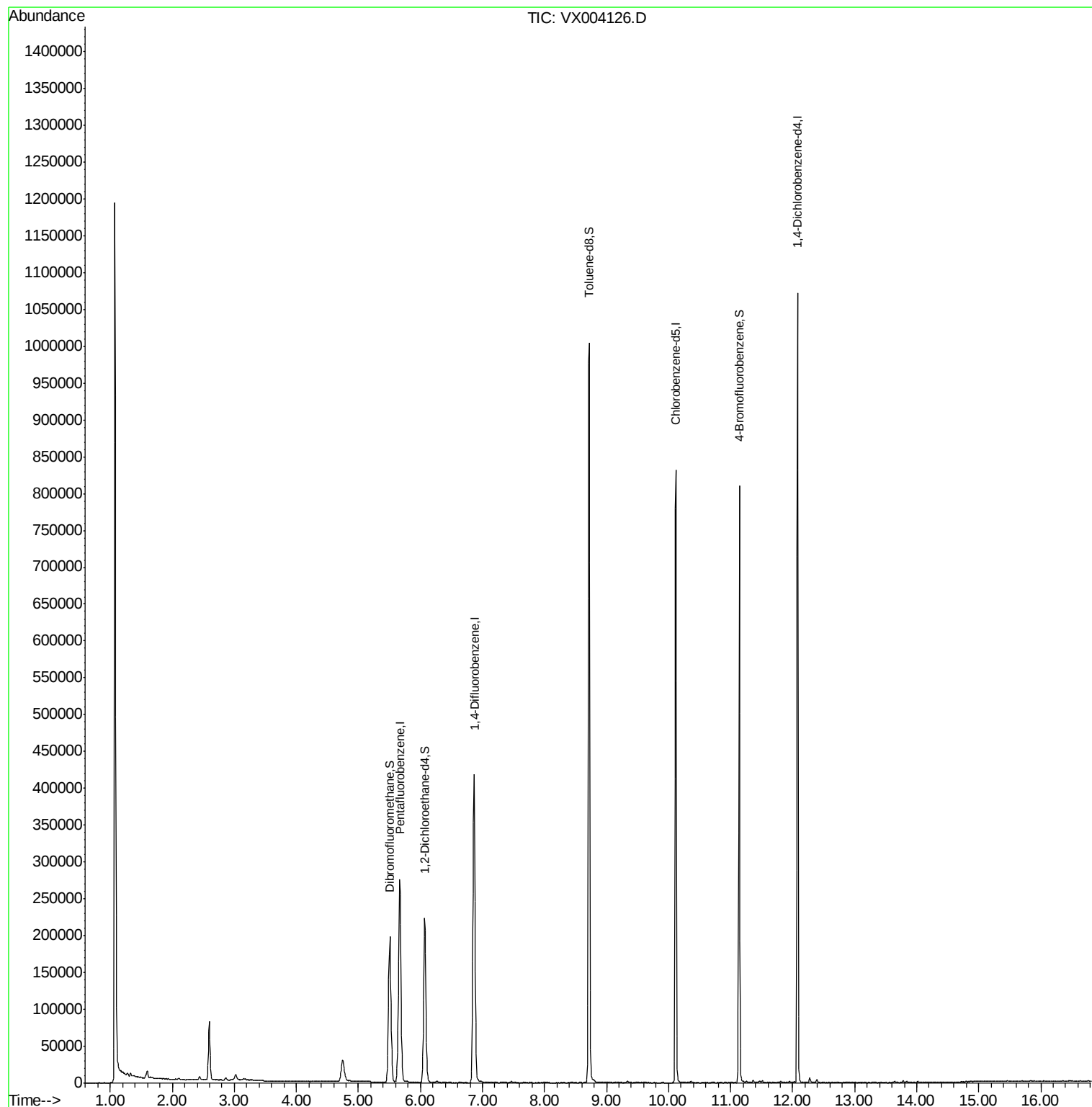
Target Compounds	Qvalue
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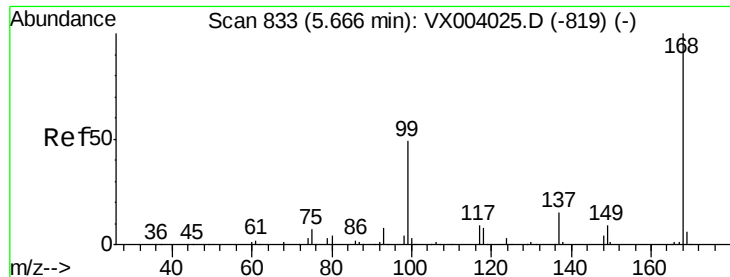
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004126.D

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Instrument :

MSVOA_X

ClientSampleId :

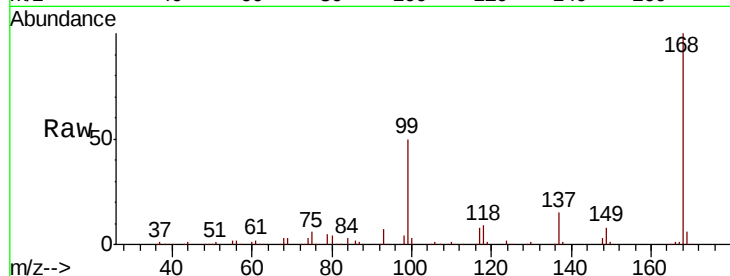
FB081618

Tot Ion:168 Resp: 275715

Ion Ratio Lower Upper

168 100

99 50.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

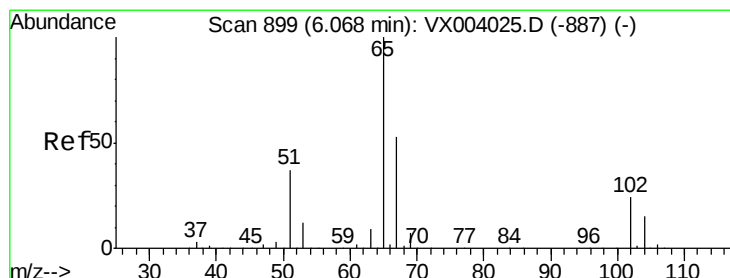
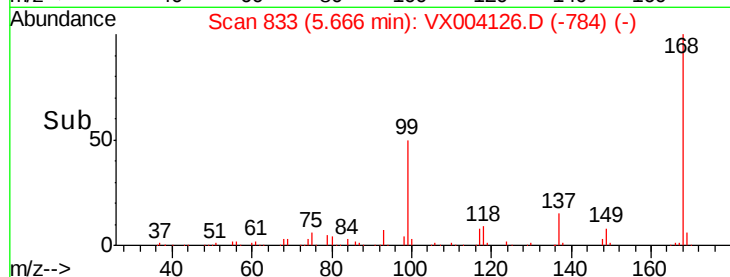
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.11 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004126.D

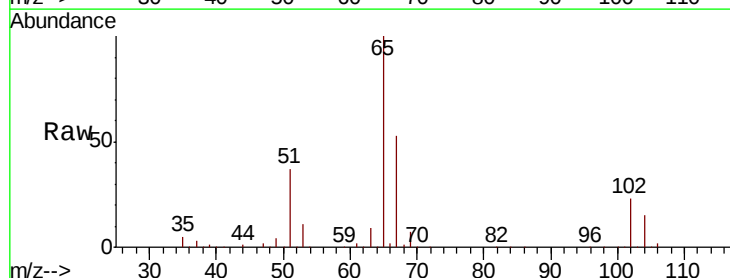
Acq: 17 Aug 2018 12:36

Tgt Ion: 65 Resp: 202430

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

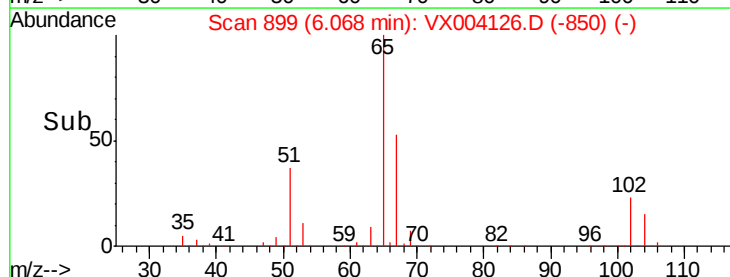
60000

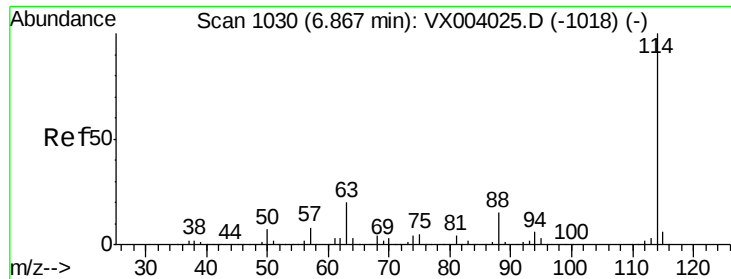
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30

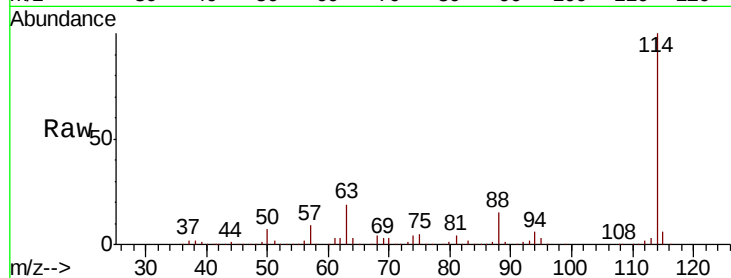




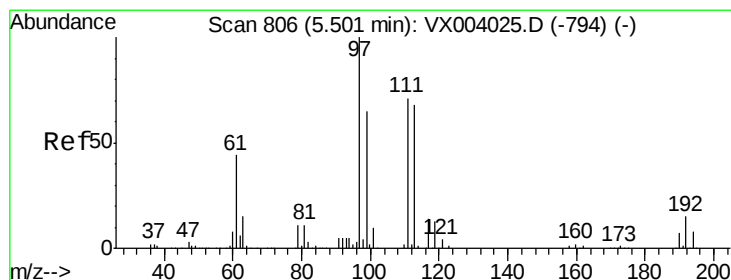
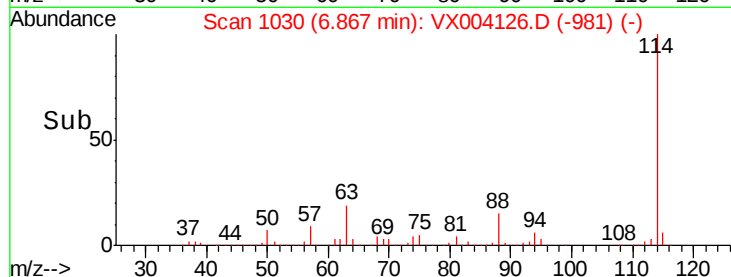
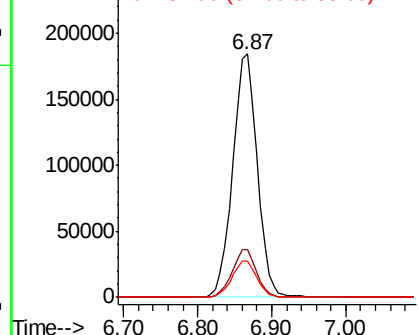
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004126.D
 Acq: 17 Aug 2018 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 FB081618

Tot Ion:114 Resp: 426088
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.0 0.0 32.0

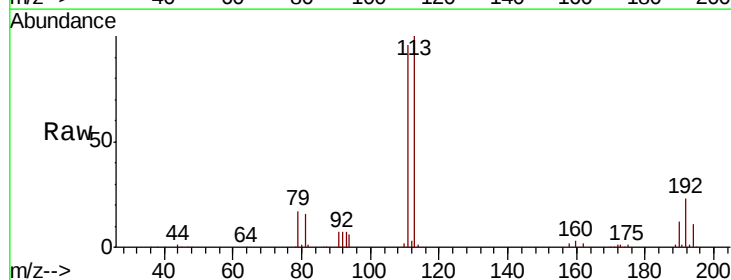


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

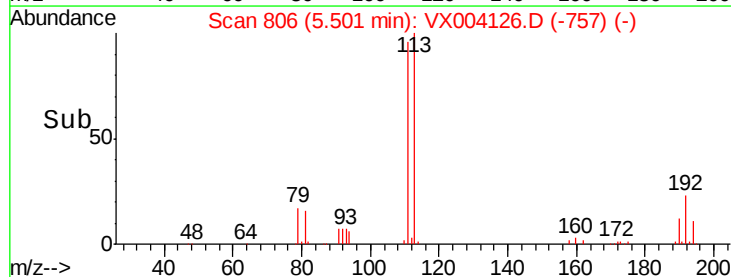
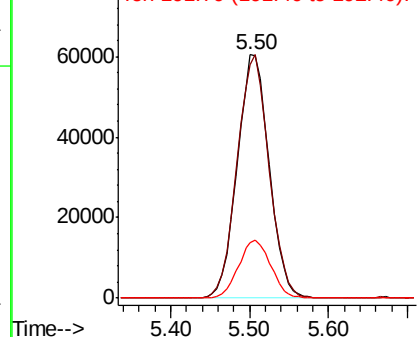


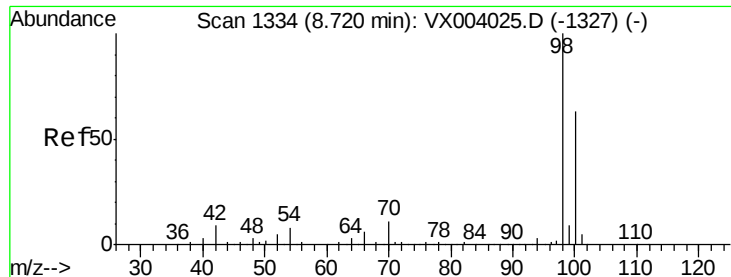
#35
 Dibromofluoromethane
 Concen: 53.25 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004126.D
 Acq: 17 Aug 2018 12:36

Tgt Ion:113 Resp: 169825
 Ion Ratio Lower Upper
 113 100
 111 99.9 82.0 123.0
 192 24.0 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.65 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004126.D

Acq: 17 Aug 2018 12:36

Instrument :

MSVOA_X

ClientSampleId :

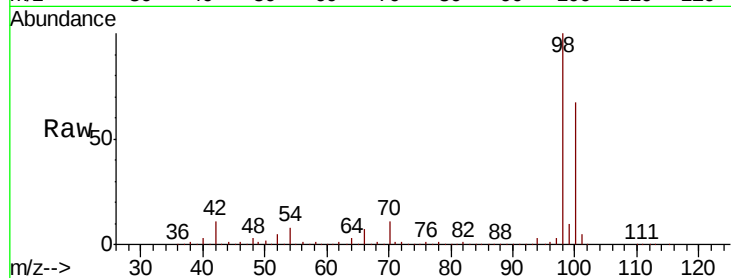
FB081618

Tot Ion: 98 Resp: 603172

Ion Ratio Lower Upper

98 100

100 66.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

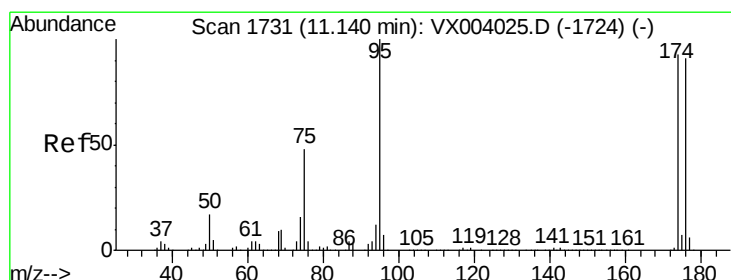
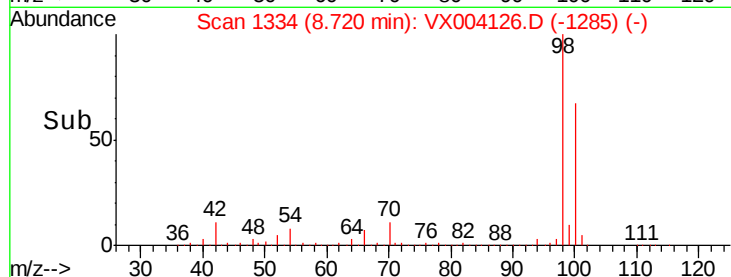
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004126.D

Acq: 17 Aug 2018 12:36

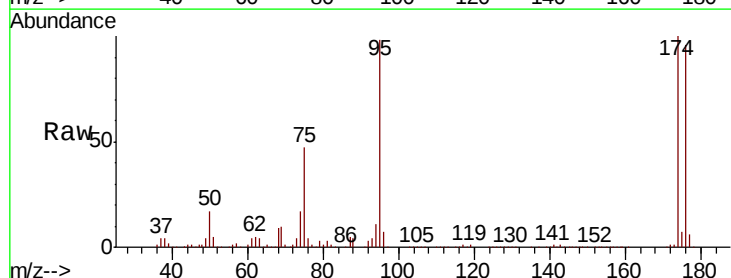
Tgt Ion: 95 Resp: 195204

Ion Ratio Lower Upper

95 100

174 94.6 0.0 182.8

176 90.8 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

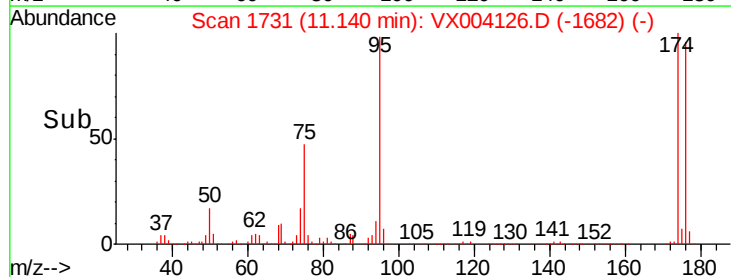
150000

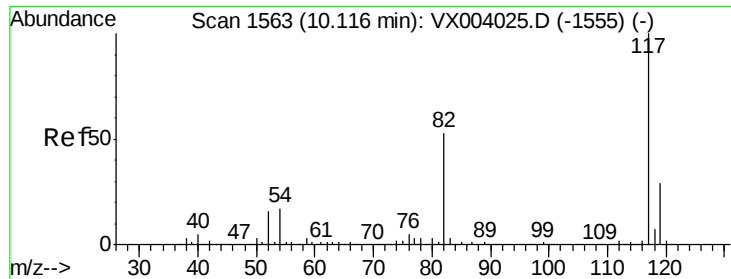
100000

50000

0

Time-->

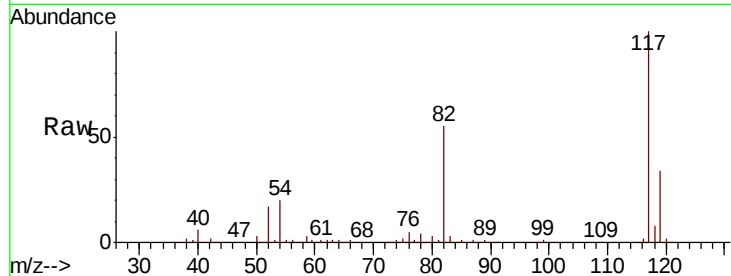




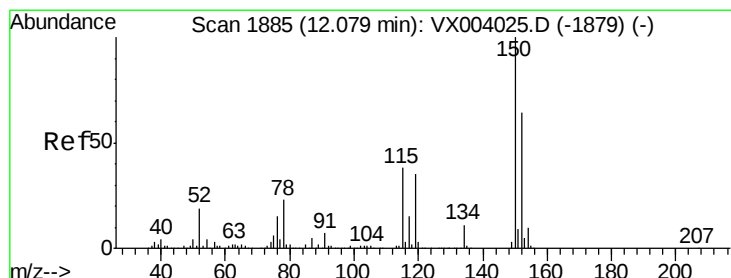
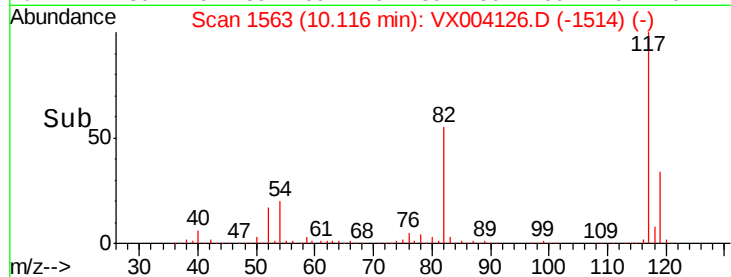
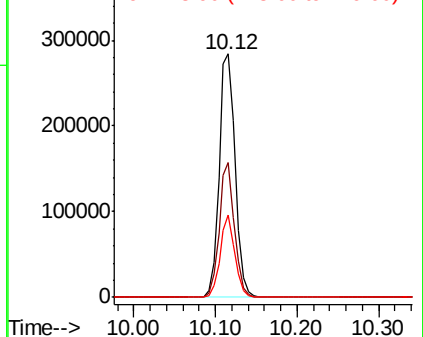
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004126.D
Acq: 17 Aug 2018 12:36

Instrument :
MSVOA_X
ClientSampleId :
FB081618

Tot Ion:117 Resp: 389326
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 33.9 26.6 40.0

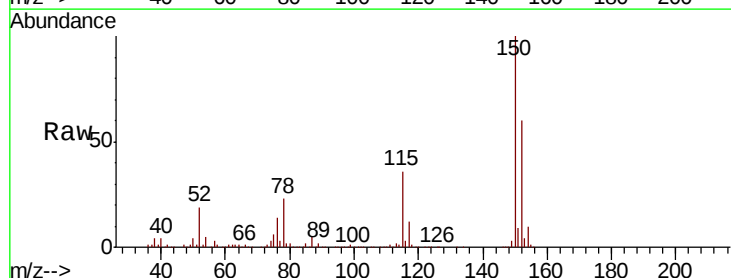


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004126.D
Acq: 17 Aug 2018 12:36

Tgt Ion:152 Resp: 213392
Ion Ratio Lower Upper
152 100
115 55.3 39.1 117.3
150 160.5 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

